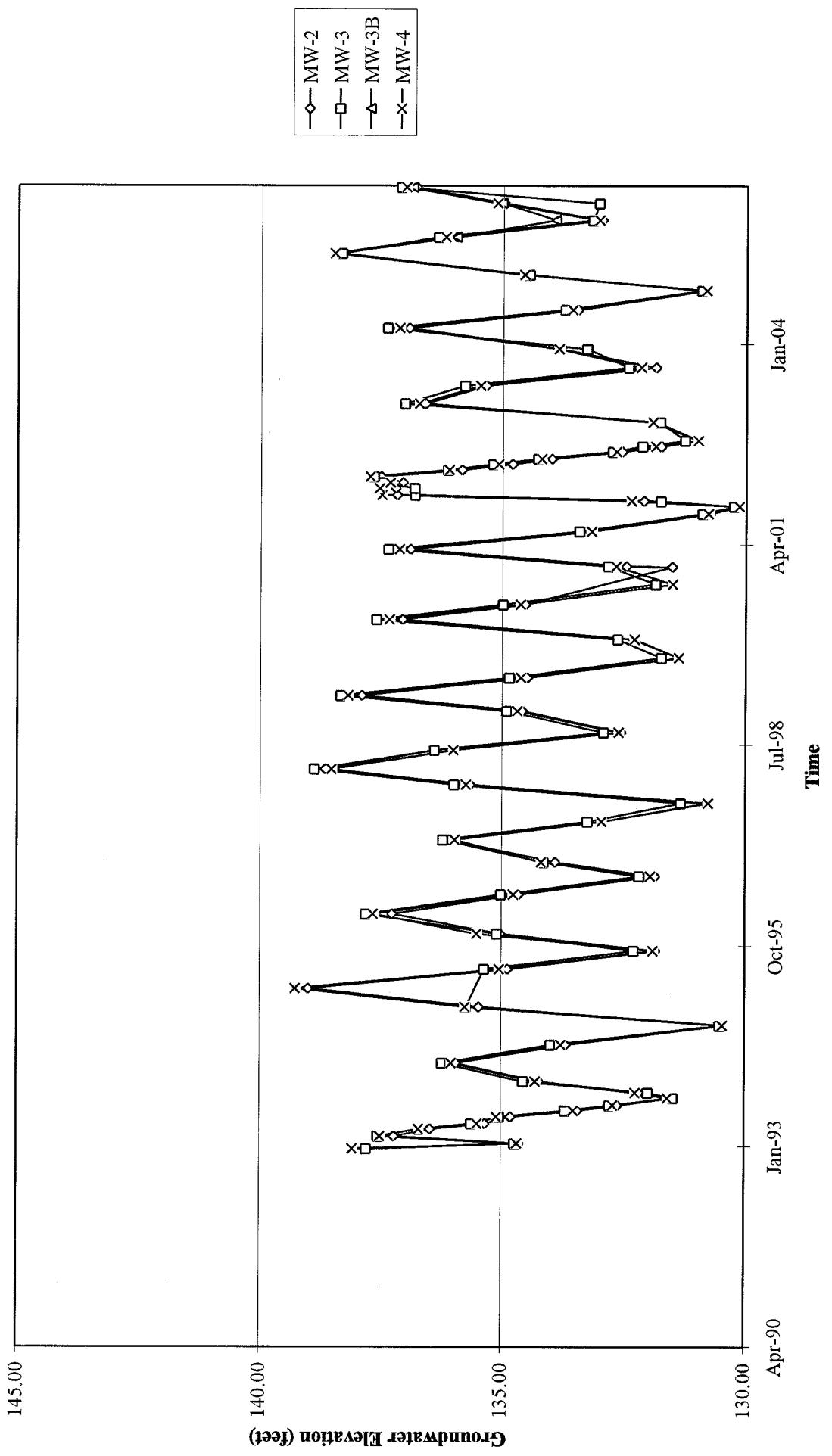
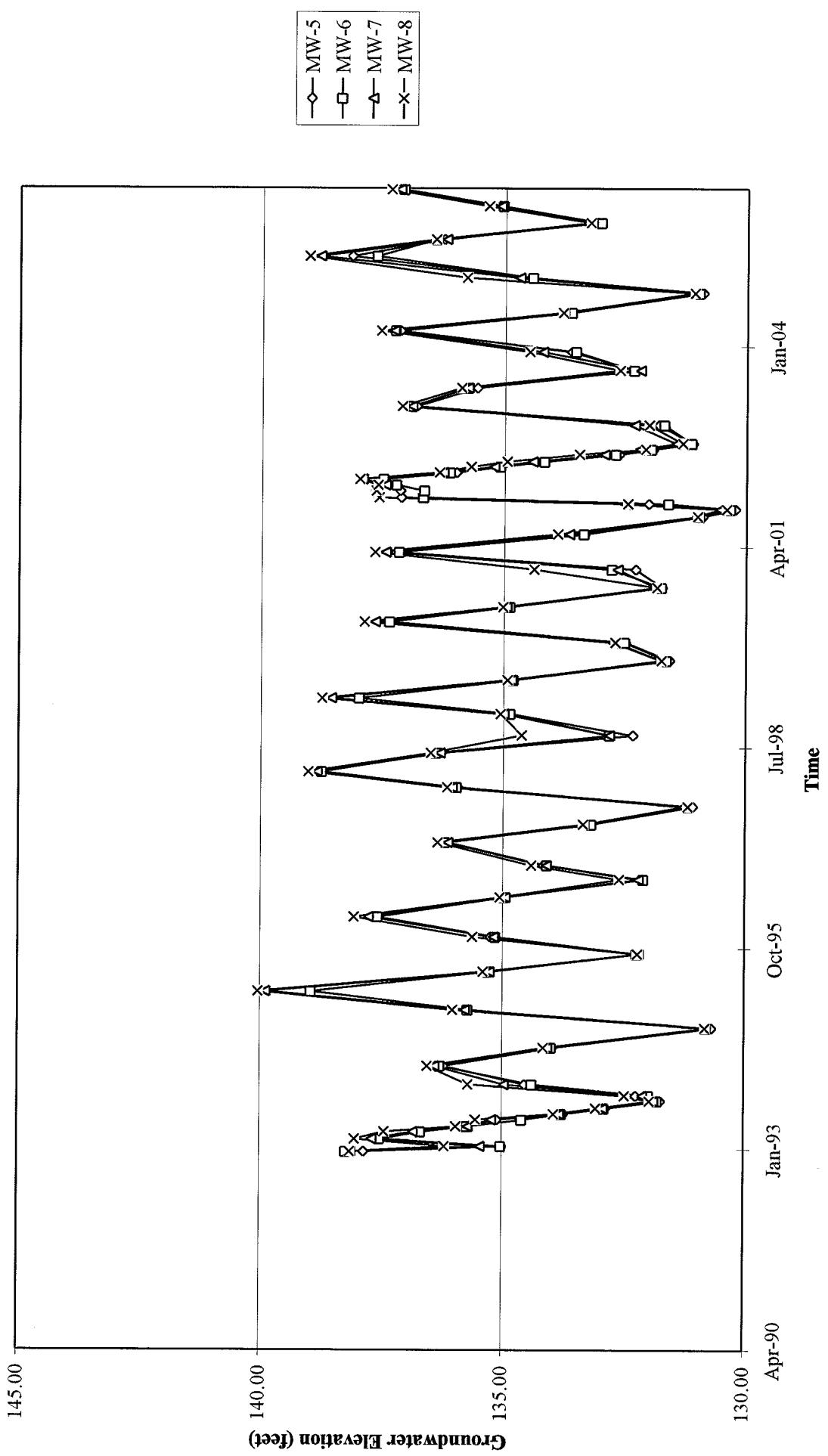


Groundwater Elevations vs. Time
76 Station 4320



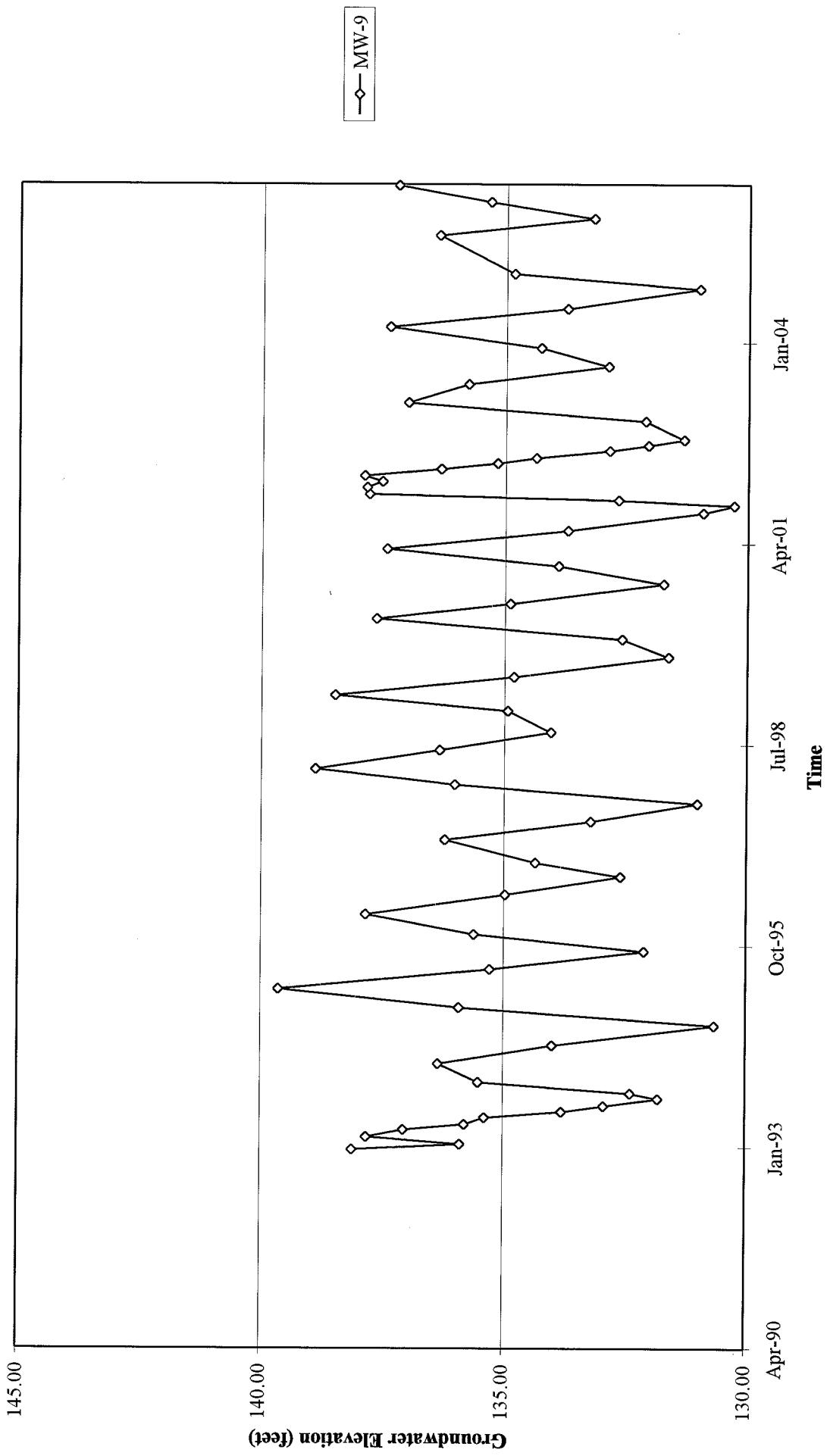
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 4320



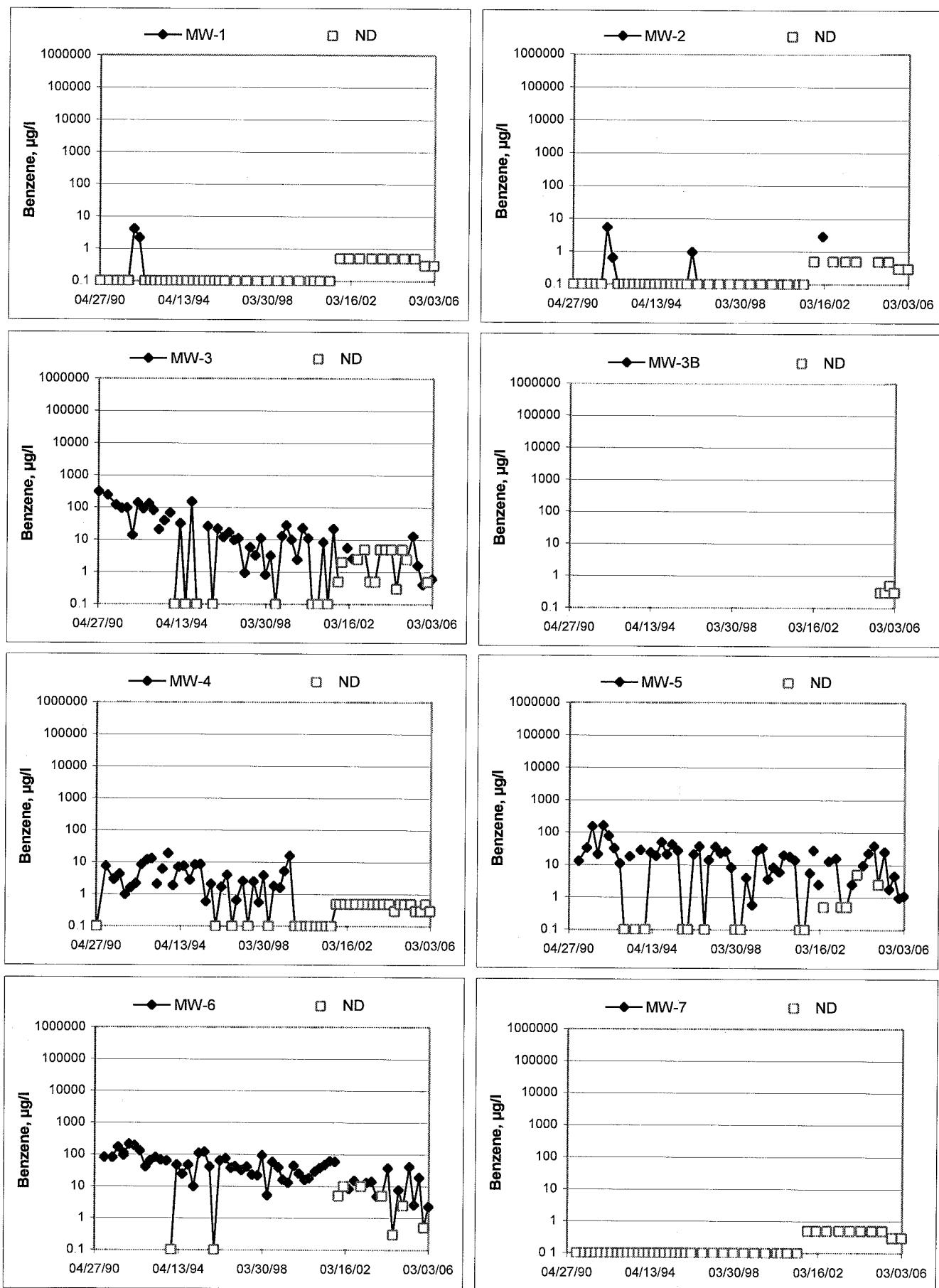
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 4320



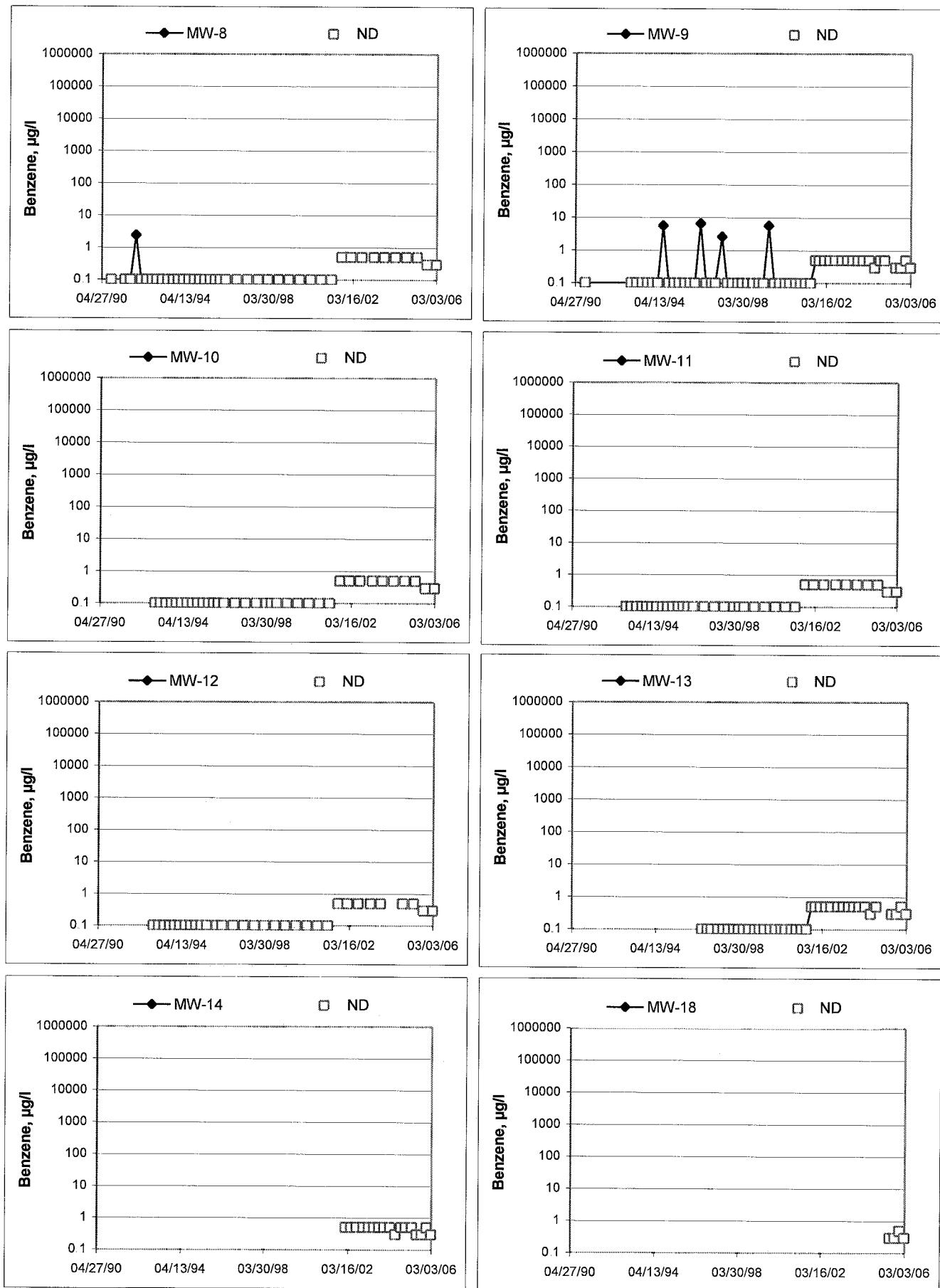
Elevations may have been corrected for apparent changes due to resurvey

Benzene Concentrations vs Time
76 Station 4320

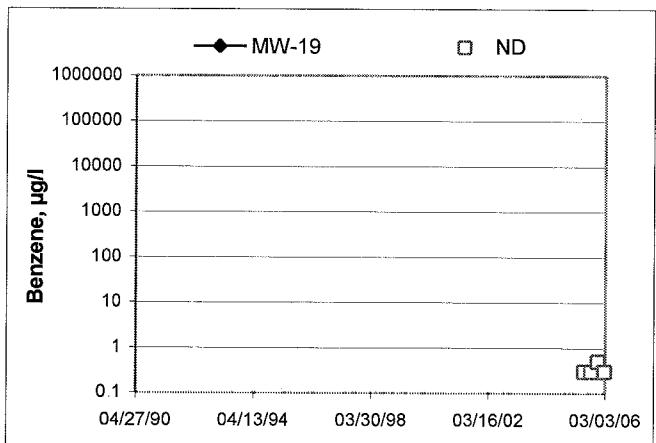


Benzene Concentrations vs Time

76 Station 4320



Benzene Concentrations vs Time
76 Station 4320



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, $\frac{1}{2}$ -inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: NICK / Anthony Job #/Task #: 41050001 / FA20

Date: 2-24-06

Site # 4320

Project Manager A. Collins

Page _____ / of _____

GROUNDWATER SAMPLING FIELD NOTES

Site: 4320

Technician: Anthony
Project No.: 41050001

Date: 02-24-06

Well No.: M-18

Depth to Water (feet): 7.10

Total Depth (feet): 24.62

Water Column (feet): 1752

80% Recharge Depth (feet): 10.60

Purge Method: D-2

Depth to Product (feet): _____

LPH & Water Recovered (gallons):

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 3

Well No.: MW-19

Purge Method: D-2

Depth to Water (feet): 6-25

Depth to Product (feet): _____

Total Depth (feet): 24.83

LPH & Water Recovered (gallons): _____

Water Column (feet): 18.58

Casing Diameter (Inches) 2"

GROUNDWATER SAMPLING FIELD NOTES

Site: 4320

Technician: Anthony
Project No.: 41050001

Date: 02-24-06

Well No.: Mw-13
Depth to Water (feet): 6.32
Total Depth (feet): 20.64
Water Column (feet): 14.32
80% Recharge Depth (feet) 9.18

Purge Method: Percolation
Depth to Product (feet): 1
LPH & Water Recovered (gallons): 100
Casing Diameter (Inches): 2
1 Well Volume (gallons): 2

Well No.: MW-10
Depth to Water (feet): 5.96
Total Depth (feet): 22.59
Water Column (feet): 16.63
80% Recharge Depth (feet): 9.29

Purge Method: Dow
Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 5

GROUNDWATER SAMPLING FIELD NOTES

Site: 4320

Technician: Anthony
Project No.: W1050001

Date: 02-24-06

Well No.: MW-11
Depth to Water (feet): 581
Total Depth (feet): 2155
Water Column (feet): 1524
80% Recharge Depth (feet): B.96

Purge Method: D.C.
Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 3

Well No.: MW-14
Depth to Water (feet) 6.22
Total Depth (feet) 18.48
Water Column (feet) 12.26
80% Recharge Depth (feet) 8.67

Purge Method: O₂
Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 2
1 Well Volume (gallons): 2

GROUNDWATER SAMPLING FIELD NOTES

Site: 4320

Technician: Anthony
Project No.: 41050001

Date: 02-24-06

Well No.: MW-6
Depth to Water (feet): 6.11
Total Depth (feet): 19.79
Water Column (feet): 13.68
80% Recharge Depth (feet): 8.85

Purge Method: Open
Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 2

Well No.: MW-5

Depth to Water (feet): 7.06

Total Depth (feet): 19.76

Water Column (feet): 12.70

80% Recharge Depth (feet): 9.60

Purge Method: Diem
Depth to Product (feet): 1
LPH & Water Recovered (gallons): 1
Casing Diameter (Inches): 2
1 Well Volume (gallons): 2

GROUNDWATER SAMPLING FIELD NOTES

Technician: nick

Site: 4320

Project No.: 41050001

Date: 2-24-06

Well No.: MW-4

Depth to Water (feet): 7.63

Total Depth (feet): 23.82

Water Column (feet): 16.19

80% Recharge Depth (feet): 10.0

Purge Method: DIA

Depth to Product (feet): _____ —

LPH & Water Recovered (gallons):

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 3

Well No.: MW-3B

Purge Method: DIA

Depth to Water (feet): 7.30

Depth to Product (feet): _____

Total Depth (feet): 58.12

LPH & Water Recovered (gallons): 1

Water Column (feet): 50.82

Casing Diameter (Inches): 2

80% Recharge Depth (feet): 17.46

1 Well Volume (gallons): 8

GROUNDWATER SAMPLING FIELD NOTES

Site: 432D

Technician: Nick

Project No.: 4/050001

Date: 2-24-06

Well No.: MW-2

Depth to Water (feet): 7.1

Total Depth (feet): 22-18

Water Column (feet): 15.07

80% Recharge Depth (feet): 16.12

Purge Method: DIA

Depth to Product (feet): _____ ✓

LPH & Water Recovered (gallons):

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

Well No.: M.W. - 1

Depth to Water (feet): 7.54

Total Depth (feet) 23.27

Water Column (feet) 15.73

80% Recharge Depth (feet) 10.69

Purge Method: DIA

Depth to Product (feet):

LPH & Water Recovered (gallons): _____

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 3

GROUNDWATER SAMPLING FIELD NOTES

Technician: Nick

Site: 4320

Project No.: 41050601

Date: 2-24-06

Well No.: M-4

Depth to Water (feet): 7.01

Total Depth (feet): 22.09

Water Column (feet): 15.02

80% Recharge Depth (feet): 10.02

Purge Method: DIA

Depth to Product (feet): _____

LPH & Water Recovered (gallons): _____

Casing Diameter (Inches): 2'

Well No.: MW-12

Purge Method: **DIA**

Depth to Water (feet): 6.57

Depth to Product (feet): _____

Total Depth (feet): 21.11

LPH & Water Recovered (gallons):

Water Column (feet): 14.54

Casing Diameter (Inches): 2"

80% Recharge Depth (feet) 7.48

1 Well Volume (gallons): 2

GROUNDWATER SAMPLING FIELD NOTES

Technician: Nic

Site: 4320

Project No.: 41050001

Date: 2-24-06

Well No.: AW-8

Purge Method: DIA

Depth to Water (feet): 7.44

Depth to Product (feet): _____

Total Depth (feet): 22.05

LPH & Water Recovered (gallons): _____

Water Column (feet): 14.61

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.36

1 Well Volume (gallons): 2

Well No.: MV - 9

Purge Method: DIA

Depth to Water (feet): 7.95

Depth to Product (feet): _____

Total Depth (feet): 21.91

LPH & Water Recovered (gallons): _____

Water Column (feet): 13.96

Casing Diameter (Inches): 2"

GROUNDWATER SAMPLING FIELD NOTES

Technician: Nicole

Site: 4320

Project No.: 41050001

Date: 2.24.06

Well No.: MW-3

Purge Method: DIA

Depth to Water (feet): 7.12

Depth to Product (feet): 7

Total Depth (feet): 22.33

LPH & Water Recovered (gallons): _____

Water Column (feet): 15.21

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.16

1 Well Volume (gallons): 2

Well No.: _____

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

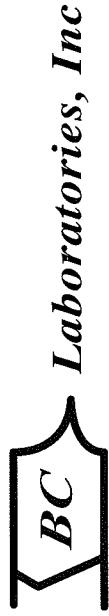
LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth (feet) _____

1 Well Volume (gallons): _____



Date of Report: 03/13/2006

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

RE: 4320

BC Lab Number: 0601958

Enclosed are the results of analyses for samples received by the laboratory on 02/28/06 22:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Vanessa Hooker".

Contact Person: Vanessa Hooker
Client Service Rep

A handwritten signature in black ink, appearing to read "Richard Stoen".

Authorized Signature



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Laboratory / Client Sample Cross Reference

Laboratory Client Sample Information

0601958-01	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:
	Project Number:	4320	Sampling Date:	02/24/06 07:57	Global ID: T0609700199
	Sampling Location:	MW-2	Sample Depth:	---	Matrix: WG
	Sampling Point:	MW-2	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Nick of TRCI			Cooler ID:
0601958-02	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:
	Project Number:	4320	Sampling Date:	02/24/06 08:10	Global ID: T0609700199
	Sampling Location:	MW-1	Sample Depth:	---	Matrix: WG
	Sampling Point:	MW-1	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Nick of TRCI			Cooler ID:
0601958-03	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:
	Project Number:	4320	Sampling Date:	02/24/06 08:22	Global ID: T0609700199
	Sampling Location:	MW-7	Sample Depth:	---	Matrix: WG
	Sampling Point:	MW-7	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Nick of TRCI			Cooler ID:
0601958-04	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:
	Project Number:	4320	Sampling Date:	02/24/06 08:36	Global ID: T0609700199
	Sampling Location:	MW-12	Sample Depth:	---	Matrix: WG
	Sampling Point:	MW-12	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Nick of TRCI			Cooler ID:
0601958-05	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:
	Project Number:	4320	Sampling Date:	02/24/06 08:50	Global ID: T0609700199
	Sampling Location:	MW-8	Sample Depth:	---	Matrix: WG
	Sampling Point:	MW-8	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Nick of TRCI			Cooler ID:



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Laboratory / Client Sample Cross Reference

Laboratory Client Sample Information

0601958-06	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:	
	Project Number:	4320	Sampling Date:	02/24/06 09:07	Global ID: T0609700199	
	Sampling Location:	MW-9	Sample Depth:	---	Matrix: WG	
	Sampling Point:	MW-9	Sample Matrix:	Water	Same QC Type (SACode): CS	
	Sampled By:	Nick of TRCI	Cooler ID:			
0601958-07	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:	
	Project Number:	4320	Sampling Date:	02/24/06 09:29	Global ID: T0609700199	
	Sampling Location:	MW-4	Sample Depth:	---	Matrix: WG	
	Sampling Point:	MW-4	Sample Matrix:	Water	Same QC Type (SACode): CS	
	Sampled By:	Nick of TRCI	Cooler ID:			
0601958-08	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:	
	Project Number:	4320	Sampling Date:	02/24/06 11:35	Global ID: T0609700199	
	Sampling Location:	MW-3B	Sample Depth:	---	Matrix: WG	
	Sampling Point:	MW-3B	Sample Matrix:	Water	Same QC Type (SACode): CS	
	Sampled By:	Nick of TRCI	Cooler ID:			
0601958-09	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:	
	Project Number:	4320	Sampling Date:	02/24/06 07:52	Global ID: T0609700199	
	Sampling Location:	MW-18	Sample Depth:	---	Matrix: WG	
	Sampling Point:	MW-18	Sample Matrix:	Water	Same QC Type (SACode): CS	
	Sampled By:	Anthony of TRCI	Cooler ID:			
0601958-10	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:	
	Project Number:	4320	Sampling Date:	02/24/06 08:08	Global ID: T0609700199	
	Sampling Location:	MW-19	Sample Depth:	---	Matrix: WG	
	Sampling Point:	MW-19	Sample Matrix:	Water	Same QC Type (SACode): CS	
	Sampled By:	Anthony of TRCI	Cooler ID:			



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Laboratory / Client Sample Cross Reference

Laboratory Client Sample Information

0601958-11	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:
	Project Number:	4320	Sampling Date:	02/24/06 08:31	Global ID: T0609700199
	Sampling Location:	MW-13	Sample Depth:	---	Matrix: WG
	Sampling Point:	MW-13	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Anthony of TRCI	Cooler ID:		
0601958-12	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:
	Project Number:	4320	Sampling Date:	02/24/06 08:47	Global ID: T0609700199
	Sampling Location:	MW-10	Sample Depth:	---	Matrix: WG
	Sampling Point:	MW-10	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Anthony of TRCI	Cooler ID:		
0601958-13	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:
	Project Number:	4320	Sampling Date:	02/24/06 09:00	Global ID: T0609700199
	Sampling Location:	MW-11	Sample Depth:	---	Matrix: WG
	Sampling Point:	MW-11	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Anthony of TRCI	Cooler ID:		
0601958-14	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:
	Project Number:	4320	Sampling Date:	02/24/06 09:16	Global ID: T0609700199
	Sampling Location:	MW-14	Sample Depth:	---	Matrix: WG
	Sampling Point:	MW-14	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Anthony of TRCI	Cooler ID:		
0601958-15	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:
	Project Number:	4320	Sampling Date:	02/24/06 09:32	Global ID: T0609700199
	Sampling Location:	MW-6	Sample Depth:	---	Matrix: WG
	Sampling Point:	MW-6	Sample Matrix:	Water	Same QC Type (SACode): CS
	Sampled By:	Anthony of TRCI	Cooler ID:		



Laboratories, Inc

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan
Reported: 03/13/06 11:45

Laboratory / Client Sample Cross Reference

Laboratory Client Sample Information

0601958-16 COC Number: ---
Project Number: 4320
Sampling Location: MW-5
Sampling Point: MW-5
Sampled By: Anthony of TRCI

Receive Date: 02/28/06 22:30
Sampling Date: 02/24/06 10:01
Sample Depth: ---
Sample Matrix: Water

Delivery Work Order: Global ID: T0609700199
Matrix: WG
Same QC Type (SACode): CS
Cooler ID:

Delivery Work Order:
Global ID: T0609700199
Matrix: WG
Same QC Type (SACode): CS
Cooler ID:

Receive Date: 02/28/06 22:30
Sampling Date: 02/24/06 10:01
Sample Depth: ---
Sample Matrix: Water

Laboratory Client Sample Information

16 COC Number: ---
Project Number: 4320
Sampling Location: MW-5
Sampling Point: MW-5
Sampled By: Anthony of TRCI

BBC Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitter party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0601958-01 Client Sample Name: 4320, MW-2, MW-2, 2/24/2006 7:57:00AM, Nick

Constituent	Result	Units	PQL	MDL	Method	Prep	Date	Date/Time	Analyst	Instru-	QC	MB	Lab	Quals
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	17:51	CAW	GC-V4	1	BPC0482	ND	
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	17:51	CAW	GC-V4	1	BPC0482	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	17:51	CAW	GC-V4	1	BPC0482	ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	03/08/06	03/08/06	17:51	CAW	GC-V4	1	BPC0482	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03/08/06	17:51	CAW	GC-V4	1	BPC0482	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03/08/06	17:51	CAW	GC-V4	1	BPC0482	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	89.0	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	03/08/06	17:51	CAW	GC-V4	1	BPC0482			
a,a,a-Trifluorotoluene (FID Surrogate)	103	%	70 - 130 (LCL - UCL)	Luft	03/08/06	03/08/06	17:51	CAW	GC-V4	1	BPC0482			



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan
Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0601958-02 Client Sample Name: 4320, MWV-1, MWV-1, 2/24/2006 8:10:00AM, Nick

Constituent	Result	Units	PQL	MDL	Method	Date	Prep Run	Date/Time	Analyst	Instru-	QC	MB	Lab	Quals
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06 20:51	CAW	GC-V4	1	BPC0482	ND		
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06 20:51	CAW	GC-V4	1	BPC0482	ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06 20:51	CAW	GC-V4	1	BPC0482	ND		
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	03/08/06	03/08/06 20:51	CAW	GC-V4	1	BPC0482	ND		
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03/08/06 20:51	CAW	GC-V4	1	BPC0482	ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03/08/06 20:51	CAW	GC-V4	1	BPC0482	ND		
a,a,a-Trifluorotoluene (PID Surrogate)	85.9	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	03/08/06 20:51	CAW	GC-V4	1	BPC0482				
a,a,a-Trifluorotoluene (FID Surrogate)	96.1	%	70 - 130 (LCL - UCL)	Luft	03/08/06	03/08/06 20:51	CAW	GC-V4	1	BPC0482				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan
Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0601958-03 Client Sample Name: 4320, MW-7, MW-7, 2/24/2006 8:22:00AM, Nick

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06 21:17	CAW	GC-V4	1	BPC0482	ND		
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06 21:17	CAW	GC-V4	1	BPC0482	ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06 21:17	CAW	GC-V4	1	BPC0482	ND		
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	03/08/06	03/08/06 21:17	CAW	GC-V4	1	BPC0482	ND		
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03/08/06 21:17	CAW	GC-V4	1	BPC0482	ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03/08/06 21:17	CAW	GC-V4	1	BPC0482	ND		
a,a-Trifluorotoluene (PID Surrogate)	89.6	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	03/08/06 21:17	CAW	GC-V4	1	BPC0482				
a,a-Trifluorotoluene (FID Surrogate)	98.8	%	70 - 130 (LCL - UCL)	Luft	03/08/06	03/08/06 21:17	CAW	GC-V4	1	BPC0482				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan
Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0601958-04 Client Sample Name: 4320, MW-12, MW-12, 2/24/2006 8:36:00AM, Nick

Constituent	Result	Units	PQL	MDL	Method	Date	Prep Run	Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	21:43	CAW	GC-V4	1	BPC0482	ND		
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	21:43	CAW	GC-V4	1	BPC0482	ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	21:43	CAW	GC-V4	1	BPC0482	ND		
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	03/08/06	03/08/06	21:43	CAW	GC-V4	1	BPC0482	ND		
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03/08/06	21:43	CAW	GC-V4	1	BPC0482	ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03/08/06	21:43	CAW	GC-V4	1	BPC0482	ND		
a,a,a-Trifluorotoluene (PID Surrogate)	83.9	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	03/08/06	21:43	CAW	GC-V4	1	BPC0482				
a,a,a-Trifluorotoluene (FID Surrogate)	94.0	%	70 - 130 (LCL - UCL)	Luft	03/08/06	03/08/06	21:43	CAW	GC-V4	1	BPC0482				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan
Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0601958-05 Client Sample Name: 4320, MW-8, MW-8, 2/24/2006 8:50:00AM, Nick

Constituent	Result	Units	PQL	MDL	Method	Date	Prep Run	Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	22:09	CAW	GC-V4	1	BPC0482	ND		
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	22:09	CAW	GC-V4	1	BPC0482	ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	22:09	CAW	GC-V4	1	BPC0482	ND		
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	03/08/06	03/08/06	22:09	CAW	GC-V4	1	BPC0482	ND		
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03/08/06	22:09	CAW	GC-V4	1	BPC0482	ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03/08/06	22:09	CAW	GC-V4	1	BPC0482	ND		
a,a-Trifluorotoluene (PID Surrogate)	89.1	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	03/08/06	22:09	CAW	GC-V4	1	BPC0482				
a,a-Trifluorotoluene (FID Surrogate)	98.9	%	70 - 130 (LCL - UCL)	Luft	03/08/06	03/08/06	22:09	CAW	GC-V4	1	BPC0482				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0601958-06		Client Sample Name:		4320, MW-9, MW-9, 2/24/2006		9:07:00AM, Nick		Prep Run		Instru-		QC		MB		Lab	
Constituent	Result	Units	PQL	MDL	Method	Date	Date/Time	Analyst	Batch ID	Dilution	Batch ID	Instrument	Analyst	Batch ID	Batch ID	Bias	Quals		
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	22:34	CAW	GC-V4	1	BPC0482							ND	
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	22:34	CAW	GC-V4	1	BPC0482							ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	22:34	CAW	GC-V4	1	BPC0482							ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	03/08/06	22:34	CAW	GC-V4	1	BPC0482							ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	22:34	CAW	GC-V4	1	BPC0482							ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	22:34	CAW	GC-V4	1	BPC0482							ND	
a,a-Trifluorotoluene (PID Surrogate)	84.5	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	22:34	CAW	GC-V4	1	BPC0482									
a,a-Trifluorotoluene (FID Surrogate)	96.3	%	70 - 130 (LCL - UCL)	Luft	03/08/06	22:34	CAW	GC-V4	1	BPC0482									



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan
Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0601958-07		Client Sample Name:		4320, MW-4, MW-4, 2/24/2006		9:29:00AM, Nick		QC		MB		Lab	
Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Date/Time	Analyst	Instrument ID	Dilution	Batch ID	Bias	Quals	
														QC	MB
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	23:00	CAW	GC-V4	1		BPC0482		ND	
Toluene	5.4	ug/L	0.30		EPA-8021	03/08/06	03:08/06	23:00	CAW	GC-V4	1		BPC0482		ND
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03:08/06	23:00	CAW	GC-V4	1		BPC0482		ND
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	03/08/06	03:08/06	23:00	CAW	GC-V4	1		BPC0482		ND
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03:08/06	23:00	CAW	GC-V4	1		BPC0482		ND
Gasoline Range Organics (C4 - C12)	92	ug/L	50		Luft	03/08/06	03:08/06	23:00	CAW	GC-V4	1		BPC0482		ND
a,a,a-Trifluorotoluene (PID Surrogate)	98.8	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	03:08/06	23:00	CAW	GC-V4	1		BPC0482			
a,a,a-Trifluorotoluene (FID Surrogate)	103	%	70 - 130 (LCL - UCL)	Luft	03/08/06	03:08/06	23:00	CAW	GC-V4	1		BPC0482			



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0601958-08		Client Sample Name: 4320, MW-3B, MW-3B, 2/24/2006 11:35:00AM, Nick		Prep Run	Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals
Constituent	Result	Units	PQL	MDL	Method	Date						
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	03/01/06 22:26	MCF	MS-V10	1	BPC0108	ND		
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	03/01/06 22:26	MCF	MS-V10	1	BPC0108	ND		
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	03/01/06 22:26	MCF	MS-V10	1	BPC0108	ND		
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	03/01/06 22:26	MCF	MS-V10	1	BPC0108	ND		
t-Butyl alcohol	ND	ug/L	10	EPA-8260	03/01/06 22:26	MCF	MS-V10	1	BPC0108	ND		
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	03/01/06 22:26	MCF	MS-V10	1	BPC0108	ND		
Ethanol	ND	ug/L	250	EPA-8260	03/01/06 22:26	MCF	MS-V10	1	BPC0108	ND		
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	03/01/06 22:26	MCF	MS-V10	1	BPC0108	ND		
1,2-Dichloroethane-d4 (Surrogate)	99.1	%	76 - 114 (LCL - UCL)	EPA-8260	03/01/06 22:26	MCF	MS-V10	1	BPC0108			
Toluene-d8 (Surrogate)	92.8	%	88 - 110 (LCL - UCL)	EPA-8260	03/01/06 22:26	MCF	MS-V10	1	BPC0108			
4-Bromofluorobenzene (Surrogate)	94.2	%	86 - 115 (LCL - UCL)	EPA-8260	03/01/06 22:26	MCF	MS-V10	1	BPC0108			



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0601958-08		Client Sample Name:		4320, MW-3B, 2/24/2006		11:35:00AM, Nick		QC		MB		Lab	
Constituent	Result	Units	PQL	MDL	Method	Date	Prep	Run	Date/Time	Analyst	Instru-	Batch ID	Bias	Quals	
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	23:26	CAW	GC-V4	1	BPC0482	ND		
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	23:26	CAW	GC-V4	1	BPC0482	ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06	23:26	CAW	GC-V4	1	BPC0482	ND		
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	03/08/06	03/08/06	23:26	CAW	GC-V4	1	BPC0482	ND		
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03/08/06	23:26	CAW	GC-V4	1	BPC0482	ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03/08/06	23:26	CAW	GC-V4	1	BPC0482	ND		
a,a,a-Trifluorotoluene (PID Surrogate)	89.2	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	03/08/06	23:26	CAW	GC-V4	1	BPC0482				
a,a,a-Trifluorotoluene (FID Surrogate)	99.3	%	70 - 130 (LCL - UCL)	Luft	03/08/06	03/08/06	23:26	CAW	GC-V4	1	BPC0482				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0601958-09		Client Sample Name: 4320, MW-18, MW-18, 2/24/2006		7:52:00AM, Anthony Run		Instru-		QC		MB		Lab	
Constituent	Result	Units	PQL	MDL	Method	Date	Date/Time	Analyst	Dilution	Batch ID	Bias	Quals	
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	03/01/06 22:03	MCF	MS-V10	1	BPC0108	ND			
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	03/01/06 22:03	MCF	MS-V10	1	BPC0108	ND			
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	03/01/06 22:03	MCF	MS-V10	1	BPC0108	ND			
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	03/01/06 22:03	MCF	MS-V10	1	BPC0108	ND			
t-Butyl alcohol	ND	ug/L	10	EPA-8260	03/01/06 22:03	MCF	MS-V10	1	BPC0108	ND			
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	03/01/06 22:03	MCF	MS-V10	1	BPC0108	ND			
Ethanol	ND	ug/L	250	EPA-8260	03/01/06 22:03	MCF	MS-V10	1	BPC0108	ND			
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	03/01/06 22:03	MCF	MS-V10	1	BPC0108	ND			
1,2-Dichloroethane-d4 (Surrogate)	96.9	%	76 - 114 (LCL - UCL)	EPA-8260	03/01/06 22:03	MCF	MS-V10	1	BPC0108				
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)	EPA-8260	03/01/06 22:03	MCF	MS-V10	1	BPC0108				
4-Bromofluorobenzene (Surrogate)	96.6	%	86 - 115 (LCL - UCL)	EPA-8260	03/01/06 22:03	MCF	MS-V10	1	BPC0108				



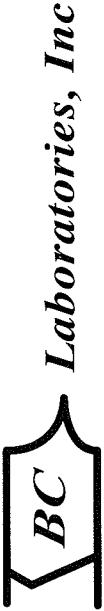
TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0601958-09		Client Sample Name:		4320, MW-18, MW-18, 2/24/2006		7:52:00AM, Anthony		QC		MB		Lab	
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	Bias	Quals		
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06 23:52	CAW	GC-V4	1	BPC0482		ND		
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06 23:52	CAW	GC-V4	1	BPC0482		ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/08/06 23:52	CAW	GC-V4	1	BPC0482		ND		
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	03/08/06	03/08/06 23:52	CAW	GC-V4	1	BPC0482		ND		
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03/08/06 23:52	CAW	GC-V4	1	BPC0482		ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03/08/06 23:52	CAW	GC-V4	1	BPC0482		ND		
a,a-Trifluorotoluene (PID Surrogate)	83.5	%	70 - 130 (LCL - UCL)		EPA-8021	03/08/06	03/08/06 23:52	CAW	GC-V4	1	BPC0482				
a,a-Trifluorotoluene (FID Surrogate)	95.3	%	70 - 130 (LCL - UCL)		Luft	03/08/06	03/08/06 23:52	CAW	GC-V4	1	BPC0482				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0601958-10 Client Sample Name: 4320, MW-19, MW-19, 2/24/2006 8:08:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	03/02/06 03/04/06	07:28	CAR	MS-V6	1	BPC0215	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	03/02/06 03/04/06	07:28	CAR	MS-V6	1	BPC0215	ND		
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03/04/06	07:28	CAR	MS-V6	1	BPC0215	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03/04/06	07:28	CAR	MS-V6	1	BPC0215	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/02/06 03/04/06	07:28	CAR	MS-V6	1	BPC0215	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03/04/06	07:28	CAR	MS-V6	1	BPC0215	ND		
Ethanol	ND	ug/L	250		EPA-8260	03/02/06 03/04/06	07:28	CAR	MS-V6	1	BPC0215	ND	V11	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03/04/06	07:28	CAR	MS-V6	1	BPC0215	ND		
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260	03/02/06 03/04/06	07:28	CAR	MS-V6	1	BPC0215				
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260	03/02/06 03/04/06	07:28	CAR	MS-V6	1	BPC0215				
4-Bromofluorobenzene (Surrogate)	91.0	%	86 - 115 (LCL - UCL)	EPA-8260	03/02/06 03/04/06	07:28	CAR	MS-V6	1	BPC0215				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0601958-10		Client Sample Name:		4320, MW-19, 2/24/2006		8:08:00AM, Anthony		QC		MB		Lab	
Constituent	Result	Units	PQL	MDL	Method	Date	Prep	Run	Date/Time	Analyst	Instru-	Batch ID	Bias	Quals	
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/09/06	00:18	CAW	GC-V4	1	BPC0482	ND		
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03/09/06	00:18	CAW	GC-V4	1	BPC0482	ND		
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/09/06	00:18	CAW	GC-V4	1	BPC0482	ND		
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	03/08/06	03/09/06	00:18	CAW	GC-V4	1	BPC0482	ND		
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03/09/06	00:18	CAW	GC-V4	1	BPC0482	ND		
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03/09/06	00:18	CAW	GC-V4	1	BPC0482	ND		
a,a-Trifluorotoluene (PID Surrogate)	86.6	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	03/09/06	00:18	CAW	GC-V4	1	BPC0482				
a,a-Trifluorotoluene (FID Surrogate)	97.3	%	70 - 130 (LCL - UCL)	Luft	03/08/06	03/09/06	00:18	CAW	GC-V4	1	BPC0482				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0601958-11	Client Sample Name:	4320, MW-13, MW-13, 2/24/2006	8:31:00AM, Anthony	Prep Run	Date/Time	Analyst	Instru-	QC	MB	Lab	
Constituent	Result	Units	PQL	MDL	Method	Date		ment ID	Dilution	Batch ID	Bias	Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	03/02/06	03/04/06 05:57	CAR	MS-V6	1	BPC0215	ND
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	03/02/06	03/04/06 05:57	CAR	MS-V6	1	BPC0215	ND
Methyl t-butyl ether	14	ug/L	0.50		EPA-8260	03/02/06	03/04/06 05:57	CAR	MS-V6	1	BPC0215	ND
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	03/02/06	03/04/06 05:57	CAR	MS-V6	1	BPC0215	ND
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/02/06	03/04/06 05:57	CAR	MS-V6	1	BPC0215	ND
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	03/02/06	03/04/06 05:57	CAR	MS-V6	1	BPC0215	ND
Ethanol	ND	ug/L	250		EPA-8260	03/02/06	03/04/06 05:57	CAR	MS-V6	1	BPC0215	ND
Ethy t-butyl ether	ND	ug/L	0.50		EPA-8260	03/02/06	03/04/06 05:57	CAR	MS-V6	1	BPC0215	ND
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260	03/02/06	03/04/06 05:57	CAR	MS-V6	1	BPC0215		
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)	EPA-8260	03/02/06	03/04/06 05:57	CAR	MS-V6	1	BPC0215		
4-Bromofluorobenzene (Surrogate)	95.4	%	86 - 115 (LCL - UCL)	EPA-8260	03/02/06	03/04/06 05:57	CAR	MS-V6	1	BPC0215		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan
Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	0601958-11	Client Sample Name:	4320, MW-13, MW-13, 2/24/2006	8:31:00AM, Anthony	Prep	Run	Instru-	QC	MB	Lab		
Constituent	Result	Units	PQL	MDL	Method	Date	Date/Time	Analyst	Dilution	Batch ID	Bias	Quals
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03:09/06 00:44	CAW	GC-V4	1	BPC0482	ND
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03:09/06 00:44	CAW	GC-V4	1	BPC0482	ND
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03:09/06 00:44	CAW	GC-V4	1	BPC0482	ND
Methyl t-butyl ether	12	ug/L	1.0		EPA-8021	03/08/06	03:09/06 00:44	CAW	GC-V4	1	BPC0482	ND
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03:09/06 00:44	CAW	GC-V4	1	BPC0482	ND
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03:09/06 00:44	CAW	GC-V4	1	BPC0482	ND
a,a-Trifluorotoluene (PID Surrogate)	82.9	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	03:09/06 00:44	CAW	GC-V4	1	BPC0482	A53	
a,a-Trifluorotoluene (FID Surrogate)	92.4	%	70 - 130 (LCL - UCL)	Luft	03/08/06	03:09/06 00:44	CAW	GC-V4	1	BPC0482		



Laboratories, Inc

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:		0601958-12		Client Sample Name:		4320, MW-10, MW-10, 2/24/2006		8:47:00AM, Anthony				
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-	QC	MB	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	03/02/06	03/04/06 06:43	CAR	MS-V6	1	BPC0215	ND
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	03/02/06	03/04/06 06:43	CAR	MS-V6	1	BPC0215	ND
Methyl t-butyl ether	10	ug/L	0.50		EPA-8260	03/02/06	03/04/06 06:43	CAR	MS-V6	1	BPC0215	ND
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	03/02/06	03/04/06 06:43	CAR	MS-V6	1	BPC0215	ND
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/02/06	03/04/06 06:43	CAR	MS-V6	1	BPC0215	ND
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	03/02/06	03/04/06 06:43	CAR	MS-V6	1	BPC0215	ND
Ethanol	ND	ug/L	250		EPA-8260	03/02/06	03/04/06 06:43	CAR	MS-V6	1	BPC0215	ND
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/02/06	03/04/06 06:43	CAR	MS-V6	1	BPC0215	ND
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)	EPA-8260	03/02/06	03/04/06 06:43	CAR	MS-V6	1	BPC0215		
Toluene-d8 (Surrogate)	99.7	%	88 - 110 (LCL - UCL)	EPA-8260	03/02/06	03/04/06 06:43	CAR	MS-V6	1	BPC0215		
4-Bromofluorobenzene (Surrogate)	97.2	%	86 - 115 (LCL - UCL)	EPA-8260	03/02/06	03/04/06 06:43	CAR	MS-V6	1	BPC0215		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan
Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0601958-12		Client Sample Name:		4320, MW-10, MW-10, 2/24/2006		8:47:00AM, Anthony		Prep Run		Instru-		QC		MB		Lab	
Constituent	Result	Units	PQL	MDL	Method	Date	Date/Time	Analyst	Batch ID	Dilution	Instrument ID	Batch ID	QC	MB	Bias	Quals	Lab	Quals	
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03:18	CAW	GC-V4	1	BPC0482		ND						
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03:18	CAW	GC-V4	1	BPC0482		ND						
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03:18	CAW	GC-V4	1	BPC0482		ND						
Methyl t-butyl ether	9.0	ug/L	1.0		EPA-8021	03/08/06	03:18	CAW	GC-V4	1	BPC0482		ND						
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03:18	CAW	GC-V4	1	BPC0482		ND						
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03:18	CAW	GC-V4	1	BPC0482		ND		A53				
a,a,a-Trifluorotoluene (PID Surrogate)	87.4	%	70 - 130 (LCL - UCL)		EPA-8021	03/08/06	03:18	CAW	GC-V4	1	BPC0482								
a,a,a-Trifluorotoluene (FID Surrogate)	98.9	%	70 - 130 (LCL - UCL)		Luft	03/08/06	03:18	CAW	GC-V4	1	BPC0482								



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0601958-13 Client Sample Name: 4320, MW-11, MW-11, 2/24/2006 9:00:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	03/02/06 03:04:06	04:48	CAR	MS-V6	1	BPC0215	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	03/02/06 03:04:06	04:48	CAR	MS-V6	1	BPC0215	ND		
Methyl t-butyl ether	1.3	ug/L	0.50		EPA-8260	03/02/06 03:04:06	04:48	CAR	MS-V6	1	BPC0215	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03:04:06	04:48	CAR	MS-V6	1	BPC0215	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/02/06 03:04:06	04:48	CAR	MS-V6	1	BPC0215	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03:04:06	04:48	CAR	MS-V6	1	BPC0215	ND		
Ethanol	ND	ug/L	250		EPA-8260	03/02/06 03:04:06	04:48	CAR	MS-V6	1	BPC0215	ND	V11	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03:04:06	04:48	CAR	MS-V6	1	BPC0215	ND		
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260	03/02/06 03:04:06	04:48	CAR	MS-V6	1	BPC0215				
Toluene-d8 (Surrogate)	99.6	%	88 - 110 (LCL - UCL)	EPA-8260	03/02/06 03:04:06	04:48	CAR	MS-V6	1	BPC0215				
4-Bromofluorobenzene (Surrogate)	94.7	%	86 - 115 (LCL - UCL)	EPA-8260	03/02/06 03:04:06	04:48	CAR	MS-V6	1	BPC0215				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan
Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0601958-13		Client Sample Name:		4320, MW-11, MW-11, 2/24/2006		9:00:00AM, Anthony		Instru-		QC		MB		Lab	
Constituent	Result	Units	PQL	MDL	Method	Date	Prep	Run	Date/Time	Analyst	ment ID	Dilution	Batch ID	Bias	Quals		
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/09/06	03:44	CAW	GC-V4	1	BPC0482	ND				
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03/09/06	03:44	CAW	GC-V4	1	BPC0482	ND				
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/09/06	03:44	CAW	GC-V4	1	BPC0482	ND				
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	03/08/06	03/09/06	03:44	CAW	GC-V4	1	BPC0482	ND				
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03/09/06	03:44	CAW	GC-V4	1	BPC0482	ND				
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03/09/06	03:44	CAW	GC-V4	1	BPC0482	ND				
a,a-Trifluorotoluene (PID Surrogate)	89.2	%	70 - 130 (LCL - UCL)		EPA-8021	03/08/06	03/09/06	03:44	CAW	GC-V4	1	BPC0482					
a,a-Trifluorotoluene (FID Surrogate)	100	%	70 - 130 (LCL - UCL)		Luft	03/08/06	03/09/06	03:44	CAW	GC-V4	1	BPC0482					



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0601958-14 Client Sample Name: 4320, MW-14, MW-14, 2/24/2006 9:16:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrum-ent ID	Dilution	Batch ID	QC	MB	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	03/02/06 03/04/06	06:20	CAR	MS-V6	1	BPC0215	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	03/02/06 03/04/06	06:20	CAR	MS-V6	1	BPC0215	ND		
Methyl t-butyl ether	5.7	ug/L	0.50		EPA-8260	03/02/06 03/04/06	06:20	CAR	MS-V6	1	BPC0215	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03/04/06	06:20	CAR	MS-V6	1	BPC0215	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/02/06 03/04/06	06:20	CAR	MS-V6	1	BPC0215	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03/04/06	06:20	CAR	MS-V6	1	BPC0215	ND		
Ethanol	ND	ug/L	250		EPA-8260	03/02/06 03/04/06	06:20	CAR	MS-V6	1	BPC0215	ND	V11	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03/04/06	06:20	CAR	MS-V6	1	BPC0215	ND		
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260	03/02/06 03/04/06	06:20	CAR	MS-V6	1	BPC0215				
Toluene-d8 (Surrogate)	99.2	%	88 - 110 (LCL - UCL)	EPA-8260	03/02/06 03/04/06	06:20	CAR	MS-V6	1	BPC0215				
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - UCL)	EPA-8260	03/02/06 03/04/06	06:20	CAR	MS-V6	1	BPC0215				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan
Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0601958-14		Client Sample Name:		4320, MW-14, 2/24/2006		9:16:00AM, Anthony		Prep Run		Instru-		QC		MB		Lab	
Constituent	Result	Units	PQL	MDL	Method	Date	Date/Time	Analyst	Batch ID	Dilution	Batch ID	QC	Batch ID	MB	Bias	Quals			
Benzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/09/06 04:10	CAW	GC-V4	1	BPC0482			ND					
Toluene	ND	ug/L	0.30		EPA-8021	03/08/06	03/09/06 04:10	CAW	GC-V4	1	BPC0482			ND					
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/08/06	03/09/06 04:10	CAW	GC-V4	1	BPC0482			ND					
Methyl t-butyl ether	4.1	ug/L	1.0		EPA-8021	03/08/06	03/09/06 04:10	CAW	GC-V4	1	BPC0482			ND					
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/08/06	03/09/06 04:10	CAW	GC-V4	1	BPC0482			ND					
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/08/06	03/09/06 04:10	CAW	GC-V4	1	BPC0482			ND	A53				
a,a,a-Trifluorotoluene (PID Surrogate)	89.0	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	03/09/06 04:10	CAW	GC-V4	1	BPC0482									
a,a,a-Trifluorotoluene (FID Surrogate)	97.9	%	70 - 130 (LCL - UCL)	Luft	03/08/06	03/09/06 04:10	CAW	GC-V4	1	BPC0482									



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0601958-15 Client Sample Name: 4320, MW-6, MW-6, 2/24/2006 9:32:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	03/02/06 03/07/06	12:20	CAR	MS-V6	1	BPC0215	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	03/02/06 03/07/06	12:20	CAR	MS-V6	1	BPC0215	ND		
Methyl t-butyl ether	36	ug/L	0.50		EPA-8260	03/02/06 03/07/06	12:20	CAR	MS-V6	1	BPC0215	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03/07/06	12:20	CAR	MS-V6	1	BPC0215	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/02/06 03/07/06	12:20	CAR	MS-V6	1	BPC0215	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03/07/06	12:20	CAR	MS-V6	1	BPC0215	ND		
Ethanol	ND	ug/L	250		EPA-8260	03/02/06 03/07/06	12:20	CAR	MS-V6	1	BPC0215	ND	V11	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 03/07/06	12:20	CAR	MS-V6	1	BPC0215	ND		
1,2-Dichloroethane-d4 (Surrogate)	96.5	%	76 - 114 (LCL - UCL)	EPA-8260	03/02/06 03/07/06	12:20	CAR	MS-V6	1	BPC0215				
Toluene-d8 (Surrogate)	105	%	88 - 110 (LCL - UCL)	EPA-8260	03/02/06 03/07/06	12:20	CAR	MS-V6	1	BPC0215				
4-Bromofluorobenzene (Surrogate)	110	%	86 - 115 (LCL - UCL)	EPA-8260	03/02/06 03/07/06	12:20	CAR	MS-V6	1	BPC0215				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:		0601958-15		Client Sample Name:		4320, MW-6, MW-6, 2/24/2006		9:32:00AM, Anthony		Instru-		QC		MB		Lab	
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	ment ID	Dilution	Batch ID	Bias	Quals				
Benzene	2.3	ug/L	0.30		EPA-8021	03/08/06	03/09/06 14:01	CAW	GC-V4	1	BPC0482		ND				
Toluene	4.2	ug/L	0.30		EPA-8021	03/08/06	03/09/06 14:01	CAW	GC-V4	1	BPC0482		ND				
Ethylbenzene	13	ug/L	0.30		EPA-8021	03/08/06	03/09/06 14:01	CAW	GC-V4	1	BPC0482		ND				
Methyl t-butyl ether	56	ug/L	1.0		EPA-8021	03/08/06	03/09/06 14:01	CAW	GC-V4	1	BPC0482		ND				
Total Xylenes	5.2	ug/L	0.60		EPA-8021	03/08/06	03/09/06 14:01	CAW	GC-V4	1	BPC0482		ND				
Gasoline Range Organics (C4 - C12)	1600	ug/L	50		Luft	03/08/06	03/09/06 14:01	CAW	GC-V4	1	BPC0482		ND				
a,a,a-Trifluorotoluene (PID Surrogate)	104	%	70 - 130 (LCL - UCL)		EPA-8021	03/08/06	03/09/06 14:01	CAW	GC-V4	1	BPC0482						
a,a,a-Trifluorotoluene (FID Surrogate)	109	%	70 - 130 (LCL - UCL)		Luft	03/08/06	03/09/06 14:01	CAW	GC-V4	1	BPC0482						



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:		0601958-16		Client Sample Name:		4320, MW-5, MW-5, 2/24/2006		10:01:00AM, Anthony		Prep Run		Instru-		QC		MB		Lab	
Constituent	Result	Units	PQL	MDL	Method	Date	Date/Time	Analyst	Batch ID	Dilution	Instrument ID	Batch ID	Bias	Quals					
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	03/02/06	03/03/06 17:22	CAR	MS-V6	1	BPC0215							ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	03/02/06	03/03/06 17:22	CAR	MS-V6	1	BPC0215							ND	
Methyl t-butyl ether	51	ug/L	0.50		EPA-8260	03/02/06	03/03/06 17:22	CAR	MS-V6	1	BPC0215							ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	03/02/06	03/03/06 17:22	CAR	MS-V6	1	BPC0215							ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/02/06	03/03/06 17:22	CAR	MS-V6	1	BPC0215							ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	03/02/06	03/03/06 17:22	CAR	MS-V6	1	BPC0215							ND	
Ethanol	ND	ug/L	250		EPA-8260	03/02/06	03/03/06 17:22	CAR	MS-V6	1	BPC0215							V11	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/02/06	03/03/06 17:22	CAR	MS-V6	1	BPC0215							ND	
1,2-Dichloroethane-d4 (Surrogate)	97.2	%	76 - 114 (LCL - UCL)	EPA-8260	03/02/06	03/03/06 17:22	CAR	MS-V6	1	BPC0215								ND	
Toluene-d8 (Surrogate)	98.1	%	88 - 110 (LCL - UCL)	EPA-8260	03/02/06	03/03/06 17:22	CAR	MS-V6	1	BPC0215									
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)	EPA-8260	03/02/06	03/03/06 17:22	CAR	MS-V6	1	BPC0215									



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0601958-16 Client Sample Name: 4320, MW-5, MW-5, 2/24/2006 10:01:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB	Lab Quals
Benzene	1.1	ug/L	0.30		EPA-8021	03/08/06	03/09/06 05:28	CAW	GC-V4	1	BPC0482	ND		
Toluene	16	ug/L	0.30		EPA-8021	03/08/06	03/09/06 05:28	CAW	GC-V4	1	BPC0482	ND		
Ethylbenzene	1.6	ug/L	0.30		EPA-8021	03/08/06	03/09/06 05:28	CAW	GC-V4	1	BPC0482	ND		
Methyl t-butyl ether	67	ug/L	1.0		EPA-8021	03/08/06	03/09/06 05:28	CAW	GC-V4	1	BPC0482	ND		
Total Xylenes	0.92	ug/L	0.60		EPA-8021	03/08/06	03/09/06 05:28	CAW	GC-V4	1	BPC0482	ND		
Gasoline Range Organics (C4 - C12)	540	ug/L	50		Luft	03/08/06	03/09/06 05:28	CAW	GC-V4	1	BPC0482	ND		
a,a,a-Trifluorotoluene (PID Surrogate)	105	%	70 - 130 (LCL - UCL)		EPA-8021	03/08/06	03/09/06 05:28	CAW	GC-V4	1	BPC0482			
a,a,a-Trifluorotoluene (FID Surrogate)	112	%	70 - 130 (LCL - UCL)		Luft	03/08/06	03/09/06 05:28	CAW	GC-V4	1	BPC0482			



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Spike Added	Units	RPD Recovery	Control Limits		Percent Recovery Lab Quals
								Percent	Percent	
1,2-Dichloroethane-d4 (Surrogate)	BPC0108	BPC0108-MS1	Matrix Spike	ND	10,010	10,000	ug/L	100	76 - 114	
		BPC0108-MSD1	Matrix Spike Duplicate	ND	9,9200	10,000	ug/L	99.2	76 - 114	
Toluene-d8 (Surrogate)	BPC0108	BPC0108-MS1	Matrix Spike	ND	9,1800	10,000	ug/L	91.8	88 - 110	
		BPC0108-MSD1	Matrix Spike Duplicate	ND	10,190	10,000	ug/L	102	88 - 110	
4-Bromofluorobenzene (Surrogate)	BPC0108	BPC0108-MS1	Matrix Spike	ND	9,9000	10,000	ug/L	99.0	86 - 115	
		BPC0108-MSD1	Matrix Spike Duplicate	ND	9,8700	10,000	ug/L	98.7	86 - 115	
1,2-Dichloroethane-d4 (Surrogate)	BPC0108	BPC0108-MS1	Matrix Spike	ND	10,010	10,000	ug/L	100	76 - 114	
		BPC0108-MSD1	Matrix Spike Duplicate	ND	9,9200	10,000	ug/L	99.2	76 - 114	
4-Bromofluorobenzene (Surrogate)	BPC0108	BPC0108-MS1	Matrix Spike	ND	9,9000	10,000	ug/L	99.0	86 - 115	
		BPC0108-MSD1	Matrix Spike Duplicate	ND	9,8700	10,000	ug/L	98.7	86 - 115	
Toluene-d8 (Surrogate)	BPC0108	BPC0108-MS1	Matrix Spike	ND	9,1800	10,000	ug/L	91.8	88 - 110	
		BPC0108-MSD1	Matrix Spike Duplicate	ND	10,190	10,000	ug/L	102	88 - 110	
1,2-Dichloroethane-d4 (Surrogate)	BPC0215	BPC0215-MS1	Matrix Spike	ND	10,102	10,000	ug/L	101	76 - 114	
		BPC0215-MSD1	Matrix Spike Duplicate	ND	9,8643	10,000	ug/L	98.6	76 - 114	
Toluene-d8 (Surrogate)	BPC0215	BPC0215-MS1	Matrix Spike	ND	9,8256	10,000	ug/L	98.3	88 - 110	
		BPC0215-MSD1	Matrix Spike Duplicate	ND	10,158	10,000	ug/L	102	88 - 110	
4-Bromofluorobenzene (Surrogate)	BPC0215	BPC0215-MS1	Matrix Spike	ND	9,8557	10,000	ug/L	98.6	86 - 115	
		BPC0215-MSD1	Matrix Spike Duplicate	ND	10,450	10,000	ug/L	104	86 - 115	
1,2-Dichloroethane-d4 (Surrogate)	BPC0215	BPC0215-MS1	Matrix Spike	ND	10,102	10,000	ug/L	101	76 - 114	
		BPC0215-MSD1	Matrix Spike Duplicate	ND	9,8643	10,000	ug/L	98.6	76 - 114	
4-Bromofluorobenzene (Surrogate)	BPC0215	BPC0215-MS1	Matrix Spike	ND	9,8557	10,000	ug/L	98.6	86 - 115	
		BPC0215-MSD1	Matrix Spike Duplicate	ND	10,450	10,000	ug/L	104	86 - 115	



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Spike Added	Units	RPD Recovery	Control Limits	
								Percent	Percent
Benzene	BPC0482	BPC0482-MS1	Matrix Spike	ND	41.781	40,000 ug/L	104	70 - 130	
	BPC0482	BPC0482-MSD1	Matrix Spike Duplicate	ND	43.316	40,000 ug/L	3.77	108	20
Toluene	BPC0482	BPC0482-MS1	Matrix Spike	ND	40.293	40,000 ug/L	101	70 - 130	
	BPC0482	BPC0482-MSD1	Matrix Spike Duplicate	ND	41.641	40,000 ug/L	2.93	104	20
Ethylbenzene	BPC0482	BPC0482-MS1	Matrix Spike	ND	40.502	40,000 ug/L	101	70 - 130	
	BPC0482	BPC0482-MSD1	Matrix Spike Duplicate	ND	42.087	40,000 ug/L	3.88	105	20
Methyl t-butyl ether	BPC0482	BPC0482-MS1	Matrix Spike	ND	40.549	40,000 ug/L	101	70 - 130	
	BPC0482	BPC0482-MSD1	Matrix Spike Duplicate	ND	42.880	40,000 ug/L	5.77	107	20
Total Xylenes	BPC0482	BPC0482-MS1	Matrix Spike	ND	120.25	120,000 ug/L	100	70 - 130	
	BPC0482	BPC0482-MSD1	Matrix Spike Duplicate	ND	124.08	120,000 ug/L	2.96	103	20
Gasoline Range Organics (C4 - C12)	BPC0482	BPC0482-MS1	Matrix Spike	ND	912.88	1000,000 ug/L	91.3	70 - 130	
	BPC0482	BPC0482-MSD1	Matrix Spike Duplicate	ND	903.53	1000,000 ug/L	0.991	90.4	20
a, a-Trifluorotoluene (PID Surrogate)	BPC0482	BPC0482-MS1	Matrix Spike	ND	40.060	40,000 ug/L	100	70 - 130	
	BPC0482	BPC0482-MSD1	Matrix Spike Duplicate	ND	39.061	40,000 ug/L	97.7	70 - 130	
a, a-Trifluorotoluene (FID Surrogate)	BPC0482	BPC0482-MS1	Matrix Spike	ND	40.674	40,000 ug/L	102	70 - 130	
	BPC0482	BPC0482-MSD1	Matrix Spike Duplicate	ND	39.901	40,000 ug/L	99.8	70 - 130	



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	Control Limits			
									Percent	RPD	RPD	Lab Quals
1,2-Dichloroethane-d4 (Surrogate)	BPC0108	BPC0108-BS1	LCS	10.390	10.000		ug/L	104				76 - 114
Toluene-d8 (Surrogate)	BPC0108	BPC0108-BS1	LCS	9.1600	10.000		ug/L	91.6				88 - 110
4-Bromofluorobenzene (Surrogate)	BPC0108	BPC0108-BS1	LCS	9.8300	10.000		ug/L	98.3				86 - 115
1,2-Dichloroethane-d4 (Surrogate)	BPC0108	BPC0108-BS1	LCS	10.390	10.000		ug/L	104				76 - 114
4-Bromofluorobenzene (Surrogate)	BPC0108	BPC0108-BS1	LCS	9.8300	10.000		ug/L	98.3				86 - 115
Toluene-d8 (Surrogate)	BPC0108	BPC0108-BS1	LCS	9.1600	10.000		ug/L	91.6				88 - 110
1,2-Dichloroethane-d4 (Surrogate)	BPC0215	BPC0215-BS1	LCS	9.4240	10.000		ug/L	94.2				76 - 114
Toluene-d8 (Surrogate)	BPC0215	BPC0215-BS1	LCS	10.098	10.000		ug/L	101				88 - 110
4-Bromofluorobenzene (Surrogate)	BPC0215	BPC0215-BS1	LCS	10.722	10.000		ug/L	107				86 - 115
1,2-Dichloroethane-d4 (Surrogate)	BPC0215	BPC0215-BS1	LCS	9.4240	10.000		ug/L	94.2				76 - 114
4-Bromofluorobenzene (Surrogate)	BPC0215	BPC0215-BS1	LCS	10.722	10.000		ug/L	107				86 - 115
Toluene-d8 (Surrogate)	BPC0215	BPC0215-BS1	LCS	10.098	10.000		ug/L	101				88 - 110



Laboratories, Inc

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan
Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	Control Limits			
									Percent	RPD	RPD	Lab Quals
Benzene	BPC0482	BPC0482-BS1	LCS	42.587	40.000	0.30	ug/L	106	85 - 115			
Toluene	BPC0482	BPC0482-BS1	LCS	40.932	40.000	0.30	ug/L	102	85 - 115			
Ethylbenzene	BPC0482	BPC0482-BS1	LCS	41.237	40.000	0.30	ug/L	103	85 - 115			
Methyl t-butyl ether	BPC0482	BPC0482-BS1	LCS	42.438	40.000	1.0	ug/L	106	85 - 115			
Total Xylenes	BPC0482	BPC0482-BS1	LCS	121.94	120.00	0.60	ug/L	102	85 - 115			
Gasoline Range Organics (C4 - C12)	BPC0482	BPC0482-BS1	LCS	930.87	1000.0	50	ug/L	93.1	85 - 115			
a,a,a-Trifluorotoluene (PID Surrogate)	BPC0482	BPC0482-BS1	LCS	40.178	40.000		ug/L	100	70 - 130			
a,a,a-Trifluorotoluene (FID Surrogate)	BPC0482	BPC0482-BS1	LCS	40.234	40.000		ug/L	101	70 - 130			



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,2-Dibromoethane	BPC0108	BPC0108-BLK1	ND	ug/L	0.50	0.16	
1,2-Dichloroethane	BPC0108	BPC0108-BLK1	ND	ug/L	0.50	0.25	
Methyl t-butyl ether	BPC0108	BPC0108-BLK1	ND	ug/L	2.0	0.15	
t-Amyl Methyl ether	BPC0108	BPC0108-BLK1	ND	ug/L	2.0	0.31	
t-Butyl alcohol	BPC0108	BPC0108-BLK1	ND	ug/L	10	10	
Diisopropyl ether	BPC0108	BPC0108-BLK1	ND	ug/L	2.0	0.23	
Ethanol	BPC0108	BPC0108-BLK1	ND	ug/L	1000	110	
Ethyl t-butyl ether	BPC0108	BPC0108-BLK1	ND	ug/L	2.0	0.27	
1,2-Dichloroethane-d4 (Surrogate)	BPC0108	BPC0108-BLK1	97.9	%	76 - 114	(LCL - UCL)	
Toluene-d8 (Surrogate)	BPC0108	BPC0108-BLK1	88.1	%	88 - 110	(LCL - UCL)	
4-Bromofluorobenzene (Surrogate)	BPC0108	BPC0108-BLK1	97.0	%	86 - 115	(LCL - UCL)	
1,2-Dibromoethane	BPC0108	BPC0108-BLK1	ND	ug/L	0.50	0.16	
1,2-Dichloroethane	BPC0108	BPC0108-BLK1	ND	ug/L	0.50	0.25	
1,2-Dichloroethane-d4 (Surrogate)	BPC0108	BPC0108-BLK1	97900	ug/L			
4-Bromofluorobenzene (Surrogate)	BPC0108	BPC0108-BLK1	97000	ug/L			
Diisopropyl ether	BPC0108	BPC0108-BLK1	ND	ug/L	2.0	0.23	
Ethanol	BPC0108	BPC0108-BLK1	ND	ug/L	1000	110	
Ethyl t-butyl ether	BPC0108	BPC0108-BLK1	ND	ug/L	2.0	0.27	
Methyl t-butyl ether	BPC0108	BPC0108-BLK1	ND	ug/L	2.0	0.15	
t-Amyl Methyl ether	BPC0108	BPC0108-BLK1	ND	ug/L	2.0	0.31	
t-Butyl alcohol	BPC0108	BPC0108-BLK1	ND	ug/L	10	10	
Toluene-d8 (Surrogate)	BPC0108	BPC0108-BLK1	8.8100	ug/L			
Methyl t-butyl ether	BPC0215	BPC0215-BLK1	ND	ug/L	0.50	0.15	
t-Amyl Methyl ether	BPC0215	BPC0215-BLK1	ND	ug/L	0.50	0.31	
t-Butyl alcohol	BPC0215	BPC0215-BLK1	ND	ug/L	10	10	



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diisopropyl ether	BPC0215	BPC0215-BLK1	ND	ug/L	0.50	0.23	
Ethanol	BPC0215	BPC0215-BLK1	ND	ug/L	1000	110	
Ethyl t-butyl ether	BPC0215	BPC0215-BLK1	ND	ug/L	0.50	0.27	
1,2-Dichloroethane-d4 (Surrogate)	BPC0215	BPC0215-BLK1	101	%	76 - 114	(LCL - UCL)	
Toluene-d8 (Surrogate)	BPC0215	BPC0215-BLK1	97.9	%	88 - 110	(LCL - UCL)	
4-Bromofluorobenzene (Surrogate)	BPC0215	BPC0215-BLK1	97.2	%	86 - 115	(LCL - UCL)	
1,2-Dichloroethane-d4 (Surrogate)	BPC0215	BPC0215-BLK1	10,090	ug/L			
4-Bromofluorobenzene (Surrogate)	BPC0215	BPC0215-BLK1	9,7235	ug/L			
Diisopropyl ether	BPC0215	BPC0215-BLK1	ND	ug/L	0.50	0.23	
Ethanol	BPC0215	BPC0215-BLK1	ND	ug/L	1000	110	
Ethyl t-butyl ether	BPC0215	BPC0215-BLK1	ND	ug/L	0.50	0.27	
Methyl t-butyl ether	BPC0215	BPC0215-BLK1	ND	ug/L	0.50	0.15	
t-Amyl Methyl ether	BPC0215	BPC0215-BLK1	ND	ug/L	0.50	0.31	
t-Butyl alcohol	BPC0215	BPC0215-BLK1	ND	ug/L	10	10	
Toluene-d8 (Surrogate)	BPC0215	BPC0215-BLK1	9,7919	ug/L			



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BPC0482	BPC0482-BLK1	ND	ug/L	0.30	0.13	
Toluene	BPC0482	BPC0482-BLK1	ND	ug/L	0.30	0.15	
Ethylbenzene	BPC0482	BPC0482-BLK1	ND	ug/L	0.30	0.13	
Methyl t-butyl ether	BPC0482	BPC0482-BLK1	ND	ug/L	1.0	0.37	
Total Xylenes	BPC0482	BPC0482-BLK1	ND	ug/L	0.60	0.51	
Gasoline Range Organics (C4 - C12)	BPC0482	BPC0482-BLK1	ND	ug/L	50	14	
a,a,a-Trifluorotoluene (PID Surrogate)	BPC0482	BPC0482-BLK1	83.8	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BPC0482	BPC0482-BLK1	99.1	%	70 - 130 (LCL - UCL)		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:45

Notes and Definitions

V11 The Continuing Calibration Verification (CCV) recovery is not within established control limits.

J Estimated value

A53 Chromatogram not typical of gasoline.

ND Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Submission #: 06-01958 Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER

Ice Chest None
 Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments:Custody Seals: Ice Chest Containers None Comments:
Intact? Yes No All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No COC Received
 YES NOIce Chest ID: B1W
Temperature: 3.8 °C
Thermometer ID: #48Emissivity: 0.97
Container: VialsDate/Time: 2/28/06
Analyst Init: CTO

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	A3	A3	A3	A3	A3	A6	A6	A6
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: _____

Sample Numbering Completed By: 010

Date/Time: 3/1/06 0030

Submission #: 06-01958

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER

Ice Chest None
 Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals: Ice Chest Containers None Comments:
 Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received
 YES NO

Ice Chest ID: B1W
 Temperature: 3.0 °C
 Thermometer ID: #48

Emissivity 0.97
 Container Box

Date/Time 2/28/06
 Analyst Init CTJ

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL / GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A-6	A-6	A-6	A-6	A-6	A-6				
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:

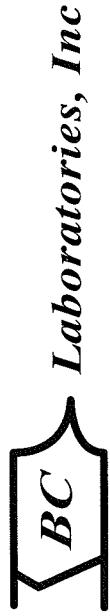
Sample Numbering Completed By:

CTJ

Date/Time:

2/28/06

3/1/06 0030



Date of Report: 03/13/2006

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

RE: 4320

BC Lab Number: 0601961

Enclosed are the results of analyses for samples received by the laboratory on 02/28/06 22:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Vanessa Hooker".

Contact Person: Vanessa Hooker
Client Service Rep

A handwritten signature in black ink, appearing to read "Anju Farfan".

Authorized Signature



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:47

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

0601961-01	COC Number:	---	Receive Date:	02/28/06 22:30	Delivery Work Order:
	Project Number:	4320	Sampling Date:	02/24/06 10:04	Global ID: T0609700199
	Sampling Location:	MW-3	Sample Depth:	---	Matrix: WG
	Sampling Point:	MW-3	Sample Matrix:	Water	Sample QC Type (SACode): CS
	Sampled By:	Nick of TRC	Cooler ID:		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:47

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:		0601961-01		Client Sample Name:		4320, MW-3, MW-3, 2/24/2006		10:04:00AM, Nick		Prep Date	Run Date/Time	Analyst	Instru-	ment ID	Dilution	Batch ID	QC	MB	Bias	Lab Quals
Constituent	Result	Units	PQL	MDL	Method	EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND								
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND									
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND									
Methyl t-butyl ether	3.1	ug/L	0.50		EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND									
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND									
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND									
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND									
Ethanol	ND	ug/L	250		EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND									
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND									
1,2-Dichloroethane-d4 (Surrogate)	96.0	%	76 - 114 (LCL - UCL)	EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND										
Toluene-d8 (Surrogate)	99.9	%	88 - 110 (LCL - UCL)	EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND										
4-Bromofluorobenzene (Surrogate)	109	%	86 - 115 (LCL - UCL)	EPA-8260	03/02/06 11:29	sdu	MS-V12	1	BPC0209	ND										



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Laboratories, Inc

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:47

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0601961-01 Client Sample Name: 4320, MW-3, MW-3, 2/24/2006 10:04:00AM, Nick

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab Quals
Benzene	0.62	ug/L	0.30		EPA-8021	03/08/06	03/08/06 18:16	CAW	GC-V4	1	BPC0482	ND		
Toluene	24	ug/L	0.30		EPA-8021	03/08/06	03/08/06 18:16	CAW	GC-V4	1	BPC0482	ND		
Ethylbenzene	4.5	ug/L	0.30		EPA-8021	03/08/06	03/08/06 18:16	CAW	GC-V4	1	BPC0482	ND		
Methyl t-butyl ether	11	ug/L	1.0		EPA-8021	03/08/06	03/08/06 18:16	CAW	GC-V4	1	BPC0482	ND		
Total Xylenes	1.4	ug/L	0.60		EPA-8021	03/08/06	03/08/06 18:16	CAW	GC-V4	1	BPC0482	ND		
Gasoline Range Organics (C4 - C12)	860	ug/L	50		Luft	03/08/06	03/08/06 18:16	CAW	GC-V4	1	BPC0482	ND		
a,a,a-Trifluorotoluene (PID Surrogate)	108	%	70 - 130 (LCL - UCL)	EPA-8021	03/08/06	03/08/06 18:16	CAW	GC-V4	1	BPC0482				
a,a,a-Trifluorotoluene (FID Surrogate)	117	%	70 - 130 (LCL - UCL)	Luft	03/08/06	03/08/06 18:16	CAW	GC-V4	1	BPC0482				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:47

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source	Result	Spike Added	Units	RPD Recovery	Control Limits	
									Percent	Percent
1,2-Dichloroethane-d4 (Surrogate)	BPC0209	BPC0209-MS1	Matrix Spike	ND	9.3500	10,000	ug/L	93.5	76 - 114	76 - 114
		BPC0209-MSD1	Matrix Spike Duplicate	ND	9.5500	10,000	ug/L	95.5		
Toluene-d8 (Surrogate)	BPC0209	BPC0209-MS1	Matrix Spike	ND	10.000	10,000	ug/L	100	88 - 110	88 - 110
		BPC0209-MSD1	Matrix Spike Duplicate	ND	9.9800	10,000	ug/L	99.8		
4-Bromofluorobenzene (Surrogate)	BPC0209	BPC0209-MS1	Matrix Spike	ND	10.100	10,000	ug/L	101	86 - 115	86 - 115
		BPC0209-MSD1	Matrix Spike Duplicate	ND	10.180	10,000	ug/L	102		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:47

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Spike Added	Units	RPD Recovery	Control Limits	
								Percent	Percent
Benzene	BPC0482	BPC0482-MS1	Matrix Spike	ND	41.781	40,000 ug/L	104	70 - 130	
		BPC0482-MSD1	Matrix Spike Duplicate	ND	43.316	40,000 ug/L	3.77	108	20
Toluene	BPC0482	BPC0482-MS1	Matrix Spike	ND	40.293	40,000 ug/L	101	70 - 130	
		BPC0482-MSD1	Matrix Spike Duplicate	ND	41.641	40,000 ug/L	2.93	104	20
Ethylbenzene	BPC0482	BPC0482-MS1	Matrix Spike	ND	40.502	40,000 ug/L	101	70 - 130	
		BPC0482-MSD1	Matrix Spike Duplicate	ND	42.087	40,000 ug/L	3.88	105	20
Methyl t-butyl ether	BPC0482	BPC0482-MS1	Matrix Spike	ND	40.549	40,000 ug/L	101	70 - 130	
		BPC0482-MSD1	Matrix Spike Duplicate	ND	42.880	40,000 ug/L	5.77	107	20
Total Xylenes	BPC0482	BPC0482-MS1	Matrix Spike	ND	120.25	120,000 ug/L	100	70 - 130	
		BPC0482-MSD1	Matrix Spike Duplicate	ND	124.08	120,000 ug/L	2.96	103	20
Gasoline Range Organics (C4 - C12)	BPC0482	BPC0482-MS1	Matrix Spike	ND	912.88	1000,000 ug/L	91.3	70 - 130	
		BPC0482-MSD1	Matrix Spike Duplicate	ND	903.53	1000,000 ug/L	0.991	90.4	20
a,a-Trifluorotoluene (PID Surrogate)	BPC0482	BPC0482-MS1	Matrix Spike	ND	40.060	40,000 ug/L	100	70 - 130	
		BPC0482-MSD1	Matrix Spike Duplicate	ND	39.061	40,000 ug/L	97.7	70 - 130	
a,a-Trifluorotoluene (FID Surrogate)	BPC0482	BPC0482-MS1	Matrix Spike	ND	40.674	40,000 ug/L	102	70 - 130	
		BPC0482-MSD1	Matrix Spike Duplicate	ND	39.901	40,000 ug/L	99.8	70 - 130	



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:47

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery			Control Limits	
								Percent	Recovery	RPD	RPD	Lab Quals
1,2-Dichloroethane-d4 (Surrogate)	BPC0209	BPC0209-BS1	LCS	9.4800	10.000		ug/L	94.8		76 - 114		
Toluene-d8 (Surrogate)	BPC0209	BPC0209-BS1	LCS	9.9400	10.000		ug/L	99.4		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPC0209	BPC0209-BS1	LCS	10.070	10.000		ug/L	101		86 - 115		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:47

Purgeable Aromatics and Total Petroleum Hydrocarbons Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	Control Limits			
									Percent	RPD	RPD	Lab Quals
Benzene	BPC0482	BPC0482-BS1	LCS	42.587	40.000	0.30	ug/L	106	85 - 115			
Toluene	BPC0482	BPC0482-BS1	LCS	40.932	40.000	0.30	ug/L	102	85 - 115			
Ethylbenzene	BPC0482	BPC0482-BS1	LCS	41.237	40.000	0.30	ug/L	103	85 - 115			
Methyl t-butyl ether	BPC0482	BPC0482-BS1	LCS	42.438	40.000	1.0	ug/L	106	85 - 115			
Total Xylenes	BPC0482	BPC0482-BS1	LCS	121.94	120.00	0.60	ug/L	102	85 - 115			
Gasoline Range Organics (C4 - C12)	BPC0482	BPC0482-BS1	LCS	930.87	1000.0	50	ug/L	93.1	85 - 115			
a,a-a-Trifluorotoluene (PID Surrogate)	BPC0482	BPC0482-BS1	LCS	40.178	40.000	ug/L	100	70 - 130				
a,a,a-Trifluorotoluene (FID Surrogate)	BPC0482	BPC0482-BS1	LCS	40.234	40.000	ug/L	101	70 - 130				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:47

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,2-Dibromoethane	BPC0209	BPC0209-BLK1	ND	ug/L	0.50	0.24	
1,2-Dichloroethane	BPC0209	BPC0209-BLK1	ND	ug/L	0.50	0.25	
Methyl t-butyl ether	BPC0209	BPC0209-BLK1	ND	ug/L	0.50	0.12	
t-Amyl Methyl ether	BPC0209	BPC0209-BLK1	ND	ug/L	0.50	0.49	
t-Butyl alcohol	BPC0209	BPC0209-BLK1	ND	ug/L	10	10	
Diisopropyl ether	BPC0209	BPC0209-BLK1	ND	ug/L	0.50	0.25	
Ethanol	BPC0209	BPC0209-BLK1	ND	ug/L	250	110	
Ethyl t-butyl ether	BPC0209	BPC0209-BLK1	ND	ug/L	0.50	0.25	
1,2-Dichloroethane-d4 (Surrogate)	BPC0209	BPC0209-BLK1	94.5	%	76 - 114	(LCL - UCL)	
Toluene-d8 (Surrogate)	BPC0209	BPC0209-BLK1	99.2	%	88 - 110	(LCL - UCL)	
4-Bromofluorobenzene (Surrogate)	BPC0209	BPC0209-BLK1	99.1	%	86 - 115	(LCL - UCL)	



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:47

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BPC0482	BPC0482-BLK1	ND	ug/L	0.30	0.13	
Toluene	BPC0482	BPC0482-BLK1	ND	ug/L	0.30	0.15	
Ethylbenzene	BPC0482	BPC0482-BLK1	ND	ug/L	0.30	0.13	
Methyl t-butyl ether	BPC0482	BPC0482-BLK1	ND	ug/L	1.0	0.37	
Total Xylenes	BPC0482	BPC0482-BLK1	ND	ug/L	0.60	0.51	
Gasoline Range Organics (C4 - C12)	BPC0482	BPC0482-BLK1	ND	ug/L	50	14	
a,a,a-Trifluorotoluene (PID Surrogate)	BPC0482	BPC0482-BLK1	88.8	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BPC0482	BPC0482-BLK1	99.1	%	70 - 130 (LCL - UCL)		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 4320
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/13/06 11:47

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Submission #: 06-01961

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER

Ice Chest None
 Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Comments: _____
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received
 YES NO

Ice Chest ID: *Blu*
 Temperature: *3.0 °C*
 Thermometer ID: *#48*

Emissivity
 Container: *0.97*
Box

Date/Time *2/28/06*
 Analyst Init *OTD*

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL / GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A 6									
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT OA/OC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: One of the vials got broken in the lab.
 Sample Numbering Completed By: OTD Date/Time: 3/1/06 00:30



Chain of Custody Form

Report To:		Analysis Requested		Comments:																																																	
Client:	Conoco Phillips TRC	Project #:	41050001	Page	1 of 2																																																
Attn:	Anja Saefan	Project Name:	4320																																																		
Street Address:		Project Code:	T0609700199																																																		
City, State, Zip:	Irvine Ca.	Sampler(s):	MLW																																																		
Phone:		Fax:																																																			
Email Address:		Submittal #:	1245TRC502																																																		
Date Sampled	Time Sampled																																																				
Sample #	Description	Date Sampled	Time Sampled																																																		
-1	MW-3	02/24/06	1004																																																		
<table border="1"> <tr> <td>Sample Matrix</td> <td colspan="2">Are there any tests with holding times less than or equal to 48 hours?</td> </tr> <tr> <td># of work days</td> <td><input type="checkbox"/> Yes</td> <td><input type="checkbox"/> No</td> </tr> <tr> <td>Turnaround</td> <td colspan="2">* Standard Turnaround = 15 work days</td> </tr> <tr> <td>Waste Water</td> <td colspan="2"></td> </tr> <tr> <td>Drinking Water</td> <td colspan="2"></td> </tr> <tr> <td>Sludge</td> <td colspan="2"></td> </tr> <tr> <td>Soil</td> <td colspan="2"></td> </tr> <tr> <td>Other</td> <td colspan="2"></td> </tr> </table>						Sample Matrix	Are there any tests with holding times less than or equal to 48 hours?		# of work days	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Turnaround	* Standard Turnaround = 15 work days		Waste Water			Drinking Water			Sludge			Soil			Other																										
Sample Matrix	Are there any tests with holding times less than or equal to 48 hours?																																																				
# of work days	<input type="checkbox"/> Yes	<input type="checkbox"/> No																																																			
Turnaround	* Standard Turnaround = 15 work days																																																				
Waste Water																																																					
Drinking Water																																																					
Sludge																																																					
Soil																																																					
Other																																																					
<table border="1"> <tr> <td>CHK BY</td> <td>DISTRIBUTION</td> </tr> <tr> <td><i>[Signature]</i></td> <td><i>[Signature]</i></td> </tr> <tr> <td colspan="2">SLIP OUT</td> </tr> </table>						CHK BY	DISTRIBUTION	<i>[Signature]</i>	<i>[Signature]</i>	SLIP OUT																																											
CHK BY	DISTRIBUTION																																																				
<i>[Signature]</i>	<i>[Signature]</i>																																																				
SLIP OUT																																																					
<table border="1"> <tr> <td>Report Drinking Waters on State Form?</td> <td><input type="checkbox"/> Same as above</td> <td><input type="checkbox"/> No</td> <td><input type="checkbox"/> Yes</td> <td><input type="checkbox"/> Return to Client</td> <td><input type="checkbox"/> Disposal by lab</td> <td><input type="checkbox"/> Archive</td> <td>Months _____</td> <td><input type="checkbox"/> QC</td> <td><input type="checkbox"/> WIP</td> <td><input type="checkbox"/> Raw Data</td> <td>Special Reporting</td> </tr> <tr> <td>1. Relinquished By</td> <td colspan="2"><i>MC Phillips</i></td> <td colspan="2">Date 2/24/06</td> <td colspan="2">Time</td> <td>1. Received By</td> <td colspan="3">2/24/06</td> <td>Date</td> </tr> <tr> <td>2. Relinquished By</td> <td colspan="2"><i>MC Phillips</i></td> <td colspan="2">Date 01-18-06</td> <td colspan="2">Time 11:11 AM</td> <td>2. Received By</td> <td colspan="3"><i>Kris Neelley</i></td> <td>Date 2/25/06</td> </tr> <tr> <td>3. Relinquished By</td> <td colspan="2"><i>Kris Neelley</i></td> <td colspan="2">Date 2/28/06</td> <td colspan="2">Time 1:30 PM</td> <td>3. Received By</td> <td colspan="3"><i>Terri Oasen</i></td> <td>Date 2/28/06</td> </tr> </table>						Report Drinking Waters on State Form?	<input type="checkbox"/> Same as above	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> Return to Client	<input type="checkbox"/> Disposal by lab	<input type="checkbox"/> Archive	Months _____	<input type="checkbox"/> QC	<input type="checkbox"/> WIP	<input type="checkbox"/> Raw Data	Special Reporting	1. Relinquished By	<i>MC Phillips</i>		Date 2/24/06		Time		1. Received By	2/24/06			Date	2. Relinquished By	<i>MC Phillips</i>		Date 01-18-06		Time 11:11 AM		2. Received By	<i>Kris Neelley</i>			Date 2/25/06	3. Relinquished By	<i>Kris Neelley</i>		Date 2/28/06		Time 1:30 PM		3. Received By	<i>Terri Oasen</i>			Date 2/28/06
Report Drinking Waters on State Form?	<input type="checkbox"/> Same as above	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> Return to Client	<input type="checkbox"/> Disposal by lab	<input type="checkbox"/> Archive	Months _____	<input type="checkbox"/> QC	<input type="checkbox"/> WIP	<input type="checkbox"/> Raw Data	Special Reporting																																										
1. Relinquished By	<i>MC Phillips</i>		Date 2/24/06		Time		1. Received By	2/24/06			Date																																										
2. Relinquished By	<i>MC Phillips</i>		Date 01-18-06		Time 11:11 AM		2. Received By	<i>Kris Neelley</i>			Date 2/25/06																																										
3. Relinquished By	<i>Kris Neelley</i>		Date 2/28/06		Time 1:30 PM		3. Received By	<i>Terri Oasen</i>			Date 2/28/06																																										
Billing	<i>Conoco Phillips</i>																																																				
Address:																																																					
City:																																																					
Attn:																																																					
PO#:																																																					

BC Laboratories, Inc. - 4100 Atlas Ct. - Bakersfield, CA 93308 - 661.327.1918 - Fax: 661.327.4911 - www.bclabs.com
 2-28-06 2230 Terri Oasen; 2/28/06 2230

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures - Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ES D Form R-149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid -phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.